

Appl. No. 09/802,289
Amdt. dated July 21, 2004
Reply to Office Action of April 27, 2004

PATENT

REMARKS/ARGUMENTS

Drawing Objections

Paragraph 3 of the Office Action takes the position that claims 2 and 12 are not depicted in any figure. The figures are believed to fully support this concept. Shown in FIGs. 2 and 3 are an embodiment where two processing paths share a register file in the case of FIG. 2 or read ports linked to a register file in the case of FIG. 3. In light of this, reconsideration of this rejection is requested.

To address paragraphs 4-6 of the Office Action, amendments to the drawings are proposed. Specifically, FIGs. 3 and 5 are amended. Should these changes be found acceptable, amended formal drawings will be prepared.

Specification Objections

In accordance with the Office Action, pages 13 and 14 are amended to correct the typographical errors found by the Examiner. Further, the abstract is rewritten to avoid excess length.

Amendments

The specification is amended to correct several oversights that are grammatical, clerical or typographical in nature. Additionally, the claims are modified in the amendment. More specifically, claims 10, 11, 18 and 19 have been amended; claim 17 has been cancelled; and no new claims have been added. Therefore, claims 1-16 and 18-20 are present for examination. No new matter is added by these amendments. Applicant respectfully requests reconsideration of this application as amended.

Double Patenting

Claims 1, 7, 11, 13, 14, 17 and 18 stand as provisionally rejected under 35 U.S. C. §101 the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 19 and 24-27 of copending Application No. 09/802,120. Applicant has amended

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that copending application to be patentably distinct. Reconsideration of this rejection in light of that amendment is respectfully requested.

35 U.S.C. §102 & §103 Rejections, *Drabenstott et al. & Masubuchi et al.*

The Office Action has rejected claims 1, 3, 5, 6, 8-11, 13, 15-17, 19 and 20 under 35 U.S.C. §102(e) as being anticipated by the cited portions of U.S. Patent No. 6,366,999 to Drabenstott et al. (hereinafter "Drabenstott"). Further, the Office Action has rejected claims 21 and 23 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of U.S. Patent No. 6,366,999 to Drabenstott et al. (hereinafter "Drabenstott") in view of the cited portions of U.S. Patent No. 5,530,817 to Masubuchi et al. (hereinafter "Masubuchi").

Applicant notes that claims 1, 8, 9, 10, 11, and 18-20 relate to the register file having global and private registers. Addressing Drabenstott's teachings, an "BCAST DATA BUS" 126 is referenced in FIG. 1 of the reference. The reference does not use the term BCAST anywhere in the text, but uses "broadcast" once as noted in the Office Action. The relevant sentence reads, "The SP/PE0 controller 125 also is the source of the data that is sent over the 32-bit broadcast data bus 126." Drabenstott, col. 6, lines 34-36. This does not make clear that the register file contents are broadcast on this bus 126. Further, it appears that one controller 125 broadcasts to the others 151,153,155 omnidirectionally. There is no indication of global and private register as required by the claims in their current form or the concepts in the dependent claims. To take the single sentence from Drabenstott and a part of a figure and say that all this is taught or suggested simply goes too far. Reconsideration is respectfully requested.

CONCLUSION

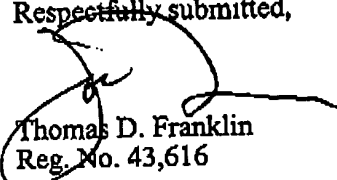
In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

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If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,


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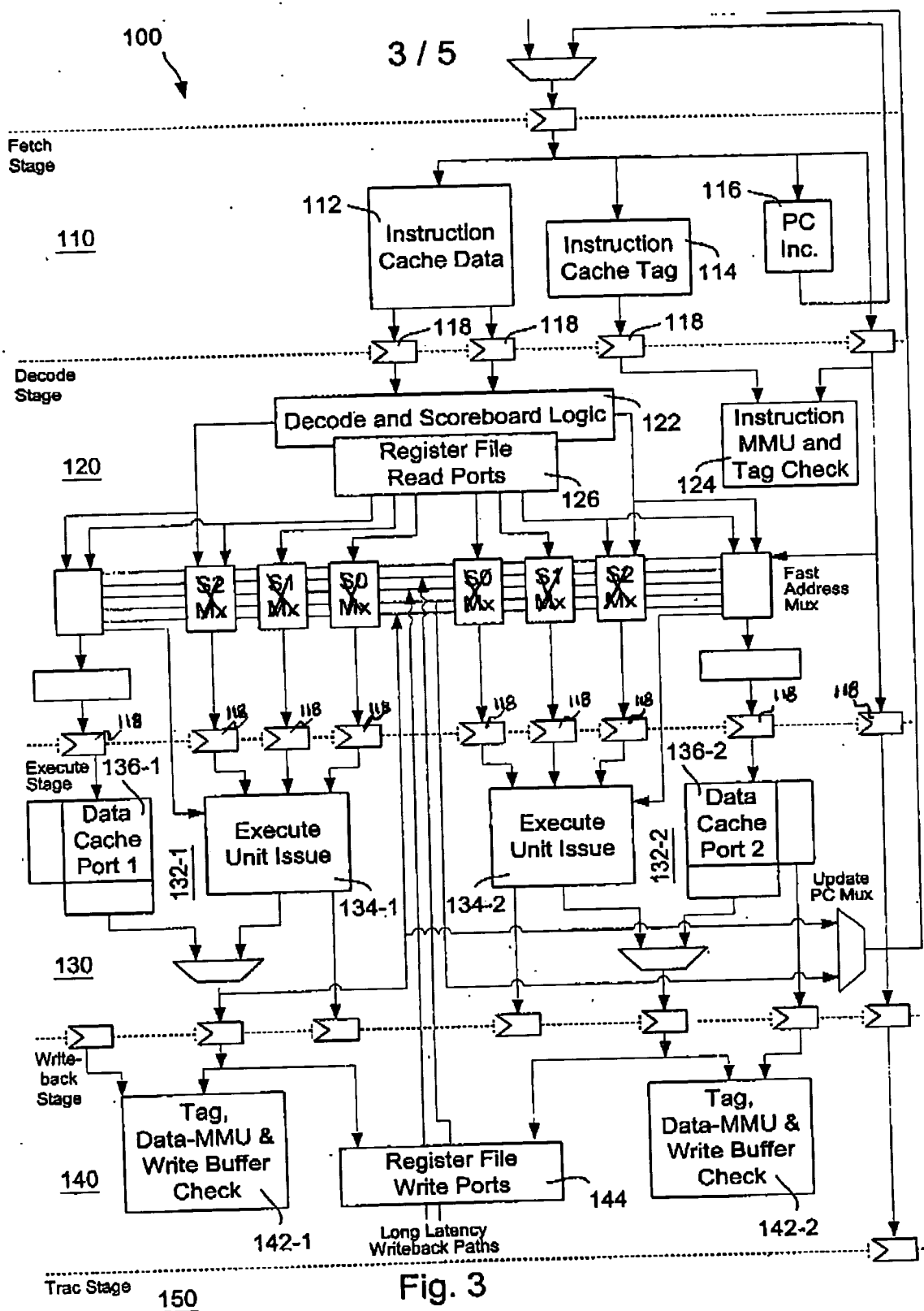


Fig. 3

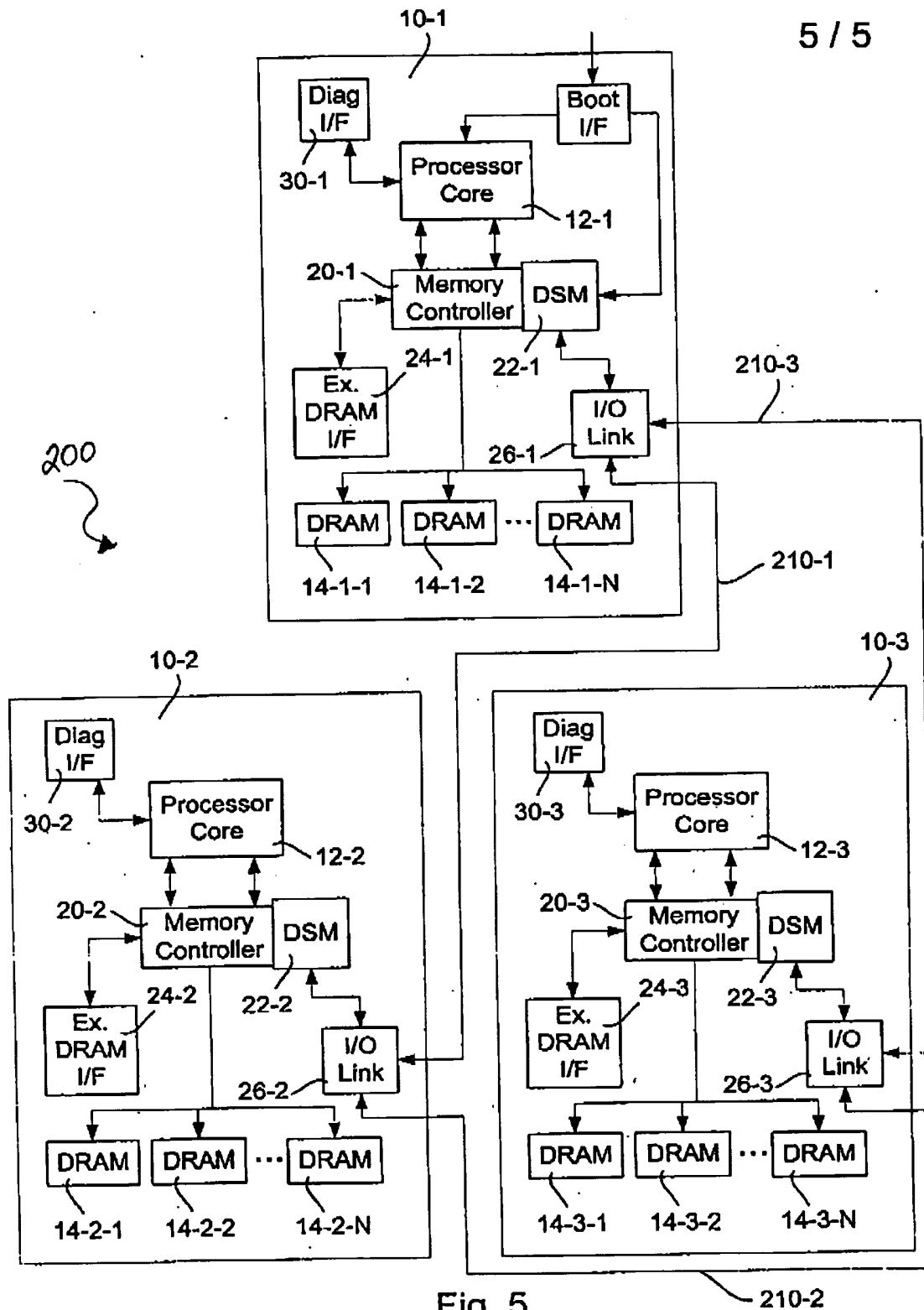


Fig. 5